



Certificate of Analysis

Ephrin-B2/EFNB2 Protein, Canine (HEK293, His)

Cat. No.:	HY-P75230
Batch No.:	316552
Species:	Canine
Source:	HEK293
Tag:	C-His
Accession:	B0LDS6 (I28-A229)
Gene ID:	611745
Molecular Weight:	Approximately 25-35 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized canine EFNB2-His at 10 μg/mL (100 μL /well) can bind Human EphB4. The ED ₅₀ for this effect is 16.44 ng/mL.	16.44 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA